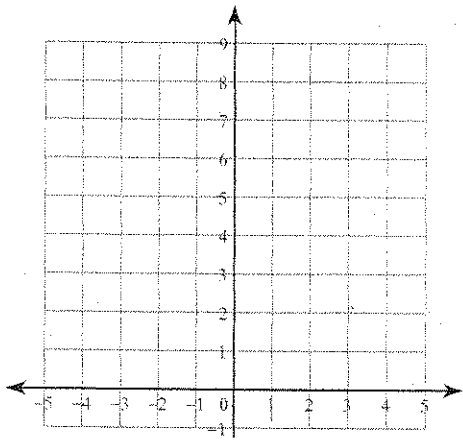


Compare $y = ax^2 + c$ to parent function

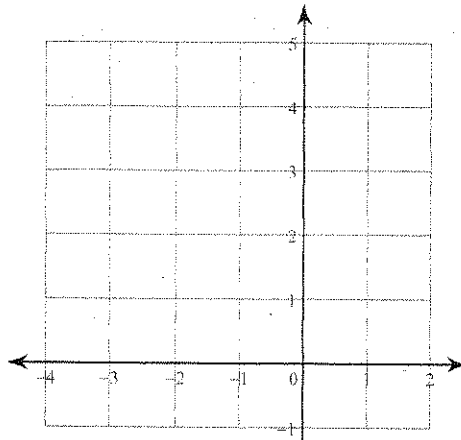
Period ____ Date _____

Direction: Graph and compare to parent function.

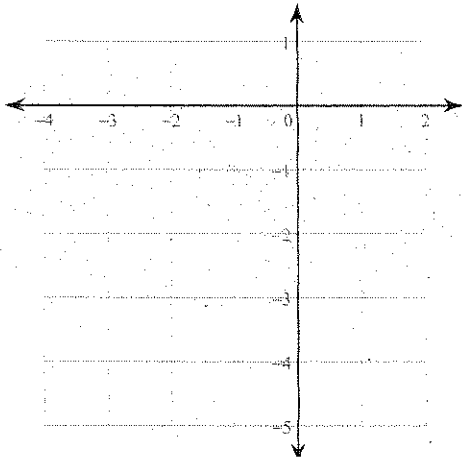
1) $y = 2x^2$



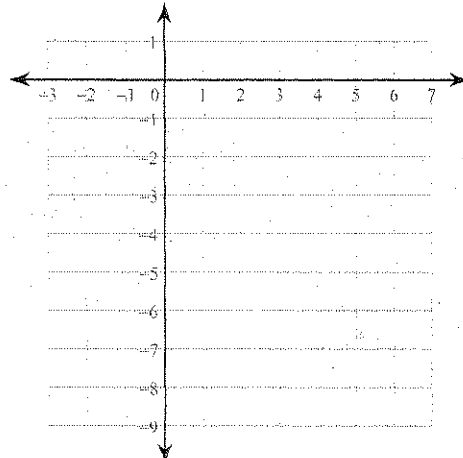
2) $y = x^2$



3) $y = -x^2$



4) $y = -2x^2$



Match the function with its graph. Write a description to compare graph with parent function.

7. $y = -4x^2 + 3$

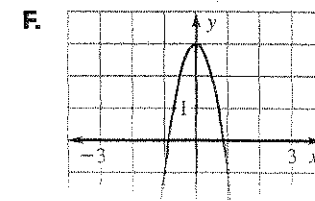
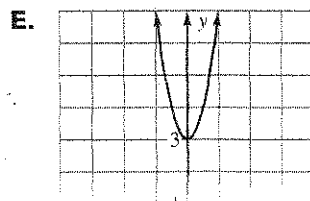
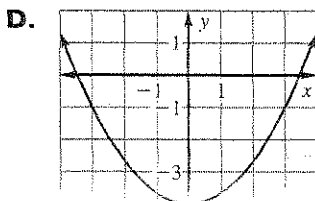
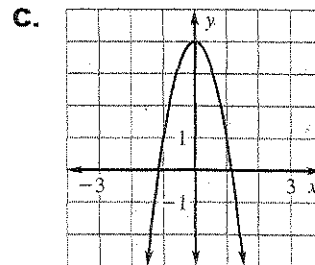
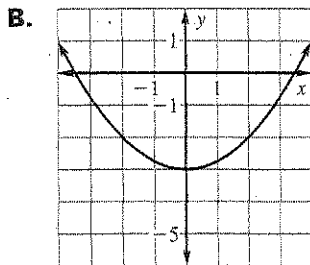
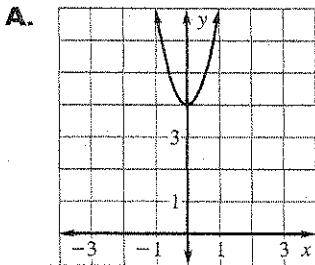
8. $y = 3x^2 + 4$

9. $y = \frac{1}{3}x^2 - 4$

10. $y = \frac{1}{4}x^2 - 3$

11. $y = -3x^2 + 4$

12. $y = 4x^2 + 3$



Mixed Review

Dividing Decimals

1) Find the quotient of 6.25 and 3.2 rounded to the nearest hundredth.	2) What is 4.9 divided by 6 rounded to the nearest tenth?	3) Simplify: $\frac{36.2}{0.04}$
4) In your own words, <i>explain</i> how to divide 0.06 divided by 1.2.		
X		
X		
X		

Word Problems

5) Maribel had \$62.56 to spend shopping. First, she had to pay Mr. Cleaves \$5 for her detention last week. Then, she gave Alyssa \$4.25 to get a Starbucks. Finally, she had to split the remaining amount of her money between her and her sister. How much money did Maribel have to go shopping with (round all numbers to the nearest hundredth since you are dealing with money)?

Find	Solve/Draw	Explain/Justify
Given		X
		X
		X
		X

6) The Green family believes the old saying, "An apple a day keeps the doctor away." The 5 members of the Green family each eat an apple at least 5 times a week. How many apples do they eat in a year?

Find	Solve/Draw	Explain/Justify
Given		X
		X
		X
		X